



All demands can't be met enrolment controls proposed

Full-time undergraduate enrolment on the St. George Campus will be maintained at approximately the current level of about 18,000, with an upper limit of 20,000, according to an interim enrolment policy approved Monday by the Planning and Resources Committee for submission to Governing Council next week.

The policy statement, prepared by the Office of the Vice-President—Research and Planning, recommends that enrolment at the Scarborough and Erindale campuses not exceed 3,600 students each during the next three or four years, while the target figure for the School of Graduate Studies be 4,500 full-time students, excluding those enrolled in Educational Theory.

The statement recommended that, on the St. George Campus and at Scarborough and Erindale, student demand determine part-time undergraduate enrolment levels and that "enrolment controls not be established."

"While the University is conscious of the difficulties sometimes caused individuals by a restrictive policy, it is impossible for it to respond fully, by itself, to all of society's demands," the policy statement says. "If society decides that it requires more graduates in an area, it should be prepared to provide the University with the funds necessary to produce them."

The following is a partial and edited text of the "Statement of Enrolment Policy":

"The future of the University is determined to a great extent by the numbers of students which it admits and by the nature of the programs which it offers. Most of the University's operating income is derived from a formula based on student numbers, and the deployment of the resources of the University is aimed primarily at the provision of instructional programs for students. It is evident, therefore, that student enrolment policy must form the cornerstone of all strategic planning for the University..."

"It is essential that the University should adopt an interim enrolment policy for the St. George Campus which would provide firm guidelines for the divisions until such time as program-based policies can be developed. This interim policy would serve as a temporary foundation for the initiation of strategic planning in the areas of finance, staffing, physical facilities and services. It would also, in conjunction with effective enrolment control measures, ensure that random drift in divisional enrolments was minimized and serve as a target commitment. This would in turn ensure that long-range plans for divisions were not placed in jeopardy by unexpected changes in enrolment before the plans could be implemented, and it would ensure that service resources in one division were not over-taxed by swings in enrolment in another division."

In considering overall policy, many factors had to be taken into account: prospective population



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Dr. Charles Peaker, for 11 years University Organist, and 31 years organist at St. Paul's Church, celebrated his 75th birthday by going to Ottawa to receive the Order of Canada from Governor-General Jules Léger (right above, conferring the honour on Dr. Peaker). In his long and distinguished career Dr. Peaker has given recitals at Westminster Abbey; St. George's Chapel Royal, Windsor; King's College, Cambridge; and various English cathedrals. He has just completed the spring series of organ recitals at Convocation Hall.

Tenure committee: a monitor?

The role and powers of the proposed University Tenure Committee provoked substantial and often heated debate as the Academic Affairs Committee continued its discussion on the recommendations of the Task Force on Academic Appointments during a lengthy meeting March 6.

At issue was whether the UTC would have solely a monitoring role to ensure consistency in applying University standards and procedures in tenure hearings or whether it would be empowered to recommend reconsideration of a tenure decision where the non-voting observer had reported alleged non-compliance with the University regulations.

Comments solicited by the Committee from the academic divisions throughout the University resulted in several criticisms of the proposed University Tenure Committee as "an unnecessary addition to the existing bureaucracy" and the suggestion from several respondents that the UTC should not be permitted to examine individual tenure cases.

Prof. Desmond Morton, Erindale College, said that "genuine fears of double jeopardy" might be aroused and he moved that the UTC not be permitted to examine individual cases.

Student member Peter Jarrett called the amendment "an emasculating change" which, in effect, would render the University Tenure Committee "essentially useless."

Vice-President and Provost Donald F. Forster, who chaired the original Task Force, termed objections to UTC "reasonably well argued" but suggested that such a committee would be necessary unless the Academic Affairs Committee was willing to state "explicitly" that the President or Provost "has the right and duty" to refer back tenure decisions for reconsideration when necessary. The Provost added that he knows of no case at U of T where a positive tenure decision has been reversed back. He noted that under the present rules he receives no

documentation and has been wary of setting a precedent "despite any personal opinion I might have on the matter."

After more than two hours of stimulating debate, the Committee narrowly defeated Prof. Morton's motion and also rejected a bid by Prof. J.R. Vanstone to reconsider the basic existence of the University Tenure Committee.

It was decided that UTC members would be appointed by the Academic Affairs Committee upon the recommendation of the President, and the meeting defeated a motion calling for an automatic review of UTC after three years of operation.

"Perhaps we should write into the U of T Act that all Orwellian or Big Brother innovations be reviewed every three years", commented Prof. J.C. Laidlaw.

Students for complex

Undergraduate students overwhelmingly supported construction of the proposed athletic complex in the Student's Administrative Council referendum completed yesterday.

Incomplete results available late last night showed that 3,962

voters supported the plan for the building, while only 477 were opposed.

Students were less certain when asked if they would pay an additional \$10 or \$20 annually in athletic fees to finance the operating costs of the building. The \$10 figure was favoured by 1,899 students, and the \$20 was favoured by 1,213. However, 1,289 indicated they would refuse to pay any additional fees for the complex, to be built at Harbord St. and Spadina Ave.

Gordon Barnes, 4th year Victoria College, easily won the SAC presidency, with a 2,532-731 lead over his rival, Henry Malta, special student in anthropology. Mr. Barnes was a member of Governing Council in 1973-74. Currently SAC University Commissioner, Mr. Barnes takes the presidency on May 1.

The election featured a record 1,573 recorded abstentions.

Fund is 'alive & well'

The Sesquicentennial Fund is alive and well, but some of the original premises have been revised, says Norman James, Vice-President—External Affairs.

The short-term blitz approach or "sales campaign" will not be successful in today's uncertain economic climate when so many people feel insecure themselves and are uncertain as to the effect of inflation and recession on their companies, Mr. James explained.

"There is none of the euphoria that surrounded the National Campaign in the late 'Fifties when people cheerfully gave the University \$15 million," he said.

"The harsh realities of Canadian, North American and world economics have overtaken the initial enthusiasm for the Sesquicentennial Campaign and we are now looking coldly and dispassionately at what we must do and how we must do it to raise effectively the level of private support."

The University should not follow the examples of several unsuccessful university fund-raising campaigns in recent years, Mr. James warned. Accordingly, he has concluded that a short "sales campaign" would be totally inappropriate. "We favor a massive, determined, thoroughly organized drive to increase every year on a regular and permanent basis the amount of money received by the University from private sources such as corporations, foundations, alumni and friends. Only the methods and presentation are different. The early results will be the same and in the long term should be much better."

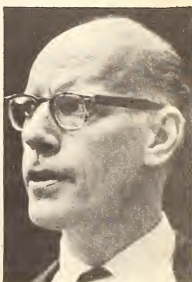
Much of this money should

meet specific projects and Mr. James is confident that people will respond to "well documented demonstrations of urgent need on the part of the University."

A needs committee, of which Dr. George Connell, Vice-President—Research and Planning, is chairman, is currently revising the long list of University needs in consultation with members of the teaching staff.

Details of how the actual fund-raising will be carried out are now being completed by Mrs. Lee MacLaren, recently appointed Director of Private Funding, and,

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Prof. W. Harold Nelson (History) was re-elected by acclamation to a third term as President of the University of Toronto Faculty Association at the Association's council meeting on March 10.

Ballot deadline March 27 (or later)

Ballots are now in the mail to the seasonal home addresses of eligible voters in the 1975-76 Governing Council elections. The voting will close at 12 noon March 27, but this deadline will be extended if the current labour-management dispute in the Canada Post Office results in a further significant delay in mail service. Voters are reminded that marked ballots may be returned through University Delivery or handed in personally at the Simcoe Hall Information Desk or placed in ballot boxes in the library at both Scarborough and Erindale Colleges. Elections are being held in five teaching staff constituencies and for five of eight student representatives. (Additional details on page 2)

How you vote in GC election

Ballots have been mailed to the eligible voters for this year's Governing Council election of new staff and student members. Any eligible voter who has received an incorrect ballot, or no ballot due to an error in records may obtain the correct ballot by calling the Office of the Governing Council at 928-2160.

The following are excerpts regarding balloting from the *Election Guidelines 1975*, copies of which may be obtained from the Office of the Governing Council.

i) Method

Ballots will be mailed to each voter at his seasonal home address as recorded in the University's record systems.

Each ballot will be accompanied by a small secrecy envelope into which the marked ballot should be sealed; also provided will be a return-address envelope into which the small secrecy envelope should be sealed;

Voters will be required to provide, on the upper left-hand corner of the return envelope, information sufficient to allow verification of their ballot return;

Each ballot will also be accompanied by an information sheet containing candidates' statements, information on the correct method to return the ballot, information on eligibility to use that particular ballot, and a short description of the powers and duties of the Governing Council.

Persons who receive an incorrect ballot due to an error in records will be advised in the

information sheets how to obtain the correct ballot;

Persons who receive no ballot due to an error in records will be advised, through advertisements in the campus media, how to obtain a ballot;

All eligible voters are entitled to vote using one ballot;

Members of the teaching staff who hold a non-academic appointment will vote in the appropriate teaching staff constituency;

Full-time students who are employed by the University as teaching assistants, research assistants, temporary library help, or in any other way will vote in the appropriate student constituency;

Part-time students who are employed by the University may vote in the appropriate student constituency or in the administrative staff constituency, but not in both constituencies;

In the case of two or more ballots being received from one voter, both being ballots for a constituency in which the voter is entitled to vote, only the first ballot received by the Governing Council Secretariat will be considered valid.

ii) Voting in multiple seat constituencies

A voter may vote for up to the number of seats vacant in his constituency.

iii) Balloting by absent voters

It is suggested that voters who will be absent from their recorded address during the balloting per-

iod arrange to have their ballot forwarded to them. Twelve days are allowed for return of ballots.

iv) Returning ballots

Ballots may be returned through either Canada Post or University Delivery.

For the convenience of voters who do not wish to return their ballots through the mail, ballots may be handed in at the Information Desk, Simcoe Hall, or at locations at Scarborough College and Erindale College. (see below).

v) Ballot mailing lists

A list will be available shortly prior to and during balloting for inspection by any person at the Governing Council Secretariat during normal business hours.

Completed ballots should be returned by CANADA POST, CAMPUIS MAIL, or personal delivery to the Office of the Governing Council, Room 106, Simcoe Hall prior to 12 noon on March 27, 1975, to be valid. For the convenience of voters who may wish to deposit their ballots on campus, ballot boxes are placed in the following locations: Erindale College Library, Scarborough College Library, Simcoe Hall Information Desk. These locations will be open until March 27, at 12 noon. Both library locations are open during regular library hours, and the Simcoe Hall location during regular business hours.

Enquiries regarding the election may be directed to the Office of the Governing Council at 928-2160.

Grants & pension plan

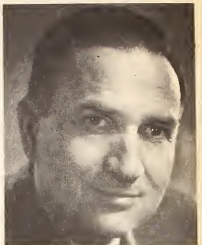
The Planning and Resources Committee has approved a task force report which outlines four areas in the University that might qualify as possible recipients of Connaught Development Grants for developing their research potential.

Funds are available to assist the initiation of new projects to a total of about \$200,000 annually, with expected project lifespans of from three to five years.

In making its recommendations from 20 submissions, the task force decided to follow five basic criteria: the area should have "unexploited potential for research; it must have the capacity to utilize the grant "in an effective way"; it should be able to sustain "the reorientation or increase in level of its research" which receipt of the grant would permit, beyond the expiry of the grant itself; the research project should further the division's own objectives; and the project must further the General Objectives of the University.

The Committee's approval does not imply a commitment to any of the four areas, whose staff must now prepare detailed proposals for submission to the Connaught Committee.

A.G. Rankin, Vice-President - Business Affairs, outlined to the Committee the current state of the discussions on the 1972 COU/COCUA report recommending a common provincial pension plan for members of the teaching staff.



A.G. Rankin reports on pensions

Although Mr. Rankin recommended that the University support the "objective" of a common provincial plan, he suggested the present time is not "appropriate" for the establishment of such a plan because of the enormous costs necessary to make the best features of existing plans.

"The U of T plan stacks up very well and is a good plan by any standards," Mr. Rankin told the committee. He estimated that at least \$40 million in government money would be needed to initiate a common plan.

The University's own plan (at present an investment fund of \$90 million) provides income for about 800 pensioners.

CAMPUS FORUM

All the demands can't be met

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changes, changes in the proportion of the population seeking admission to university, manpower requirements in the professions, the uniqueness of resources at U of T and the availability of alternative programs elsewhere, urban environment factors (such as traffic, housing, etc.), provincial government financial policy, the quality of academic life, the interdependence of divisions, and the capacity of physical plant, in which there is a shortage of certain categories of space; and the inadequacy of athletic and food services on St. George Campus.

No general full-time growth

"Our assessment of these factors suggests that there should be no general growth in full-time enrolment on the St. George Campus. Demographic projections show that the population of Ontario in the university age group will reach a peak in 1982 and then decline for a period of years to reach a minimum in 1991. There is at present unused capacity in the Ontario university system and there are clear indications that the provincial government wishes to exploit this unused capacity before encouraging further growth in fully-developed university centres.

"Although we attach considerable weight to the views of parents and taxpayers who expect to find openings for their children at the University of Toronto, it is our view that these expectations could best be accommodated by expansion at Scarborough and Erindale.

"In spite of these considerations, limited increases in enrolment in certain fields will be necessary. In some cases the increase in one division or program may be balanced by a reduction in other divisions or programs.

"It is proposed that overall full-time undergraduate enrolment on the St. George Campus be maintained at approximately 18,000 at the present time. This should be considered as the ideal or target figure: enrolment should not, in any case, exceed an upper limit of approximately 20,000 students.

"Demand from the large population of Metropolitan Toronto plus the growth projected for Peel and Halton counties makes it likely that both Scarborough and Erindale will continue to experience considerable pressure from applicants, but until funds are available to expand the present physical facilities enrolment at both suburban campuses should not exceed 3,600 students.

"... Increases in part-time enrolments do not present the same potential financial difficulties as increases in full-time enrolments. Nor do they represent the same strain on physical facilities as long as they continue to consist, in large part, of enrolments in evening courses.

"The Principal of Woodsworth College foresees steady demand but no really dramatic growth in most of the college's programs. An exception might be large increases in special certificate programs some of which would be mounted off-campus.

Scarborough and Erindale

"Since the situation at Scarborough and Erindale is similar to that on the St. George Campus, it is recommended that at all three campuses student demand be allowed to determine enrolment levels in the part-time undergraduate area and that enrolment controls not be established.

"If in the future part-time enrolments show sudden growth, or if the proportion of part-time students enrolled in day classes increases appreciably, this interim policy should be revised.

"Current enrolment projections for the School of Graduate Studies indicate that graduate enrolment, excluding students in the Department of Educational Theory, is expected to stabilize by 1978-79 at a level of about 4,200 full-time and 1,350 part-time students, some 7 to 8 per cent. higher than enrolments in 1973-74. These figures include graduate work at all three campuses, Scarborough, Erindale and St. George. Growth is expected to occur selectively, with the majority of graduate departments having stable enrolments.

Favourable to U of T

"It is believed, that, barring major changes in government financial support for students, enrolment projections are likely to be met. Province-wide planning assessments, carried out under the auspices of the Council of Ontario Universities, have been relatively favourable to this University, and the level of University-funded student support has recently been increased to one more nearly competitive with neighbouring institutions. The number of applicants meeting minimum admission standards will continue to exceed capacity by a large margin.

"The institution of new graduate programs should take place only where there is clearly identifiable need, where the academic resources of this University are especially suitable to the proposed program, and where space and financial requirements are either small, or justified by the provincial or national importance of the program. In the latter case, special external funding should be sought.

"The overall target figure for the School of Graduate Studies enrolment, excluding Educational Theory students, should be 4,500 full-time students."

Anne-Marie Jamieson
Gwen Russell

We are most interested to learn from the election statements of Howard Levitt, student candidate for Governing Council of Constituency II, that he is the author of a "Working paper - Non-Academic Females" (Bulletin, March 7).

Readers might gain the impression that this is a document of some importance. It is, however, only one of the many papers submitted by each member of the Task Force on Non-Academic Women as internal working documents. Indeed, as members of this Task Force, we are somewhat amused to find Mr. Levitt's contribution, unclouded as it is by knowledge of the working conditions of non-academic staff, elevated to a position of prominence in his curriculum vitae. We should perhaps point out to the Constituency II electorate that our sense of responsibility to our non-academic colleagues and to the University has not made it possible for us to include in our forthcoming report Mr. Levitt's rosy-tinted and unrealistic suggestions.

We do not wish to comment on Mr. Levitt's suitability as a student candidate for Governing Council, as we are not members of Constituency II. But as he makes his participation in the Task Force part of his election platform, we feel compelled to note that our hopes for valuable student perspectives on non-academic personnel matters have not been fulfilled by Mr. Levitt's membership on the Task Force.

The Sesqui Fund is 'alive and well'

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says Mr. James "we expect to begin the solicitation of funds on a major scale in the fall."

The Varsity Fund has been significantly reorganized with a

view to increasing the ability and responsibility of the various divisions and sectors within the University to attract private support for specific projects.

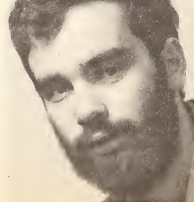
"We expect the Varsity Fund to make a major and ever-increasing contribution to our fundraising efforts in the years ahead," Mr. James says.

As in any University campaign, public attitudes toward the University of Toronto will likely dictate success or failure and Mr. James foresees that "a major public relations rebuilding job" will be needed both internally and with the public outside the University.

"It's important that everyone connected with U of T strengthen its good about the University and work together in our common interest."

EXHIBITION

Stamps - 48 pages of postage stamps from Great Britain from the ROM's Strudley collection. Stamp Corner, lower level, ROM. To March 31.



Gordon Barnes

SAC president-elect

APPOINTED AND PROMOTED

Head for new department

Dr. Rose Sheinin will lead the new Department of Microbiology and Parasitology in the Faculty of Medicine.

The department will come into existence on July 1, as the result of a reorganization of activities



Dr. Rose Sheinin

formerly in the School of Hygiene. In addition to its role in the Faculty of Medicine, the Department carries a major teaching activity in several of the health science faculties and in the Faculty of Arts and Science. Dr. Sheinin succeeds Dr. Reino Freeman and Dr. Roman Pakula, former chairmen of the two departments in the School of Hygiene. Both will remain on staff of the new department.

Dr. Sheinin is currently on the staff of the Department of Medical Biophysics where she has esta-

lished an outstanding scientific reputation for her investigations of cancer viruses and the membrane changes occurring in virus infected animal cells. She completed her Ph.D. in biochemistry at the U of T and spent two years in England before returning to Toronto. As well as her personal research activities, Dr. Sheinin has been an important promoter of research and has played a major role in the scientific societies to which she belongs.

Dr. Sheinin has served important roles as a biological scientist. She participated as a member of a Canadian scientific delegation to the People's Republic of China in the fall of 1973. On behalf of the Biological Council of Canada, she chaired a committee reviewing national policies for basic biology in Canada.

Initially, as she changes over her heavy schedule of activities, Dr. Sheinin's appointment will be on a part-time basis; she will assume full-time duties in July, 1976.

Pathology chairman appointed

Dr. Emmanuel Farber, a leader in the field of biochemical pathology, has been appointed chairman of the Department of Pathology in the Faculty of Medicine, effective July 1. In addition, he will become chairman of the Department of Pathology at Toronto Western Hospital and Pathologist-in-chief at Toronto General Hospital.

Dr. Farber was professor of pathology and biochemistry at Tulane University School of Medicine, New Orleans, prior to becoming chairman of pathology at the University of Pittsburgh School of Medicine in 1961. In 1970 he was awarded the Ameri-

can Cancer Society Research Professorship at the Fels Research Institute, Temple University, Philadelphia; in 1974, he was appointed director of the Institute and professor of pathology and biochemistry. He has held numerous other teaching and research positions in England and the U.S.



Dr. Emmanuel Farber

The author of the first text book on biochemical pathology, he is also the editor of a series on the biochemistry of disease, and has published 134 scientific papers.

After receiving his M.D. in his native Toronto, Dr. Farber completed residency in pathology at Hamilton General Hospital, then served in the Royal Canadian Army Medical Corps. In 1946, he became a Fellow in cancer research at the University of California, receiving his Ph.D. there in 1949.

SGS appoints assistant dean

The appointment of Prof. Robert H. Painter as assistant dean of the School of Graduate Studies, effective July 1, has been approved by the Governing Council.

Prof. Painter was born and raised in Liverpool, England and received both his B.Sc. and Ph.D. in biochemistry at the University of Liverpool.

He moved to Canada in 1957, joining the U of T as a research associate in the Connaught Medical Research Laboratories, where he developed a number of new processes including one for the commercial preparation of erythropoietin. He made observations on the instability of antibody preparations which led to the introduction of new government standards in Canada and the U.S. for the preparation and testing of human antibody preparations used for passive immunization.

Dr. Painter transferred to the Department of Biochemistry in 1968 as associate professor and was appointed assistant director of the newly created Division of Teaching Laboratories. In 1971, he was a founding member of the Institute of Immunology. His research has been directed towards an understanding of the distribution of function within the antibody molecule. He was promoted to professor in 1974.

Dr. Painter was chairman of the Dean's Advisory Committee on Research in the Faculty of Medicine, 1970-74; has served on committees of the Canadian and U.S. governments; and from 1967-71, he chaired an ad hoc committee of the U.S. National Academy of Sciences to establish safeguards for plasmapheresis don-



Prof. Robert Painter

ors. He is chairman of the student-study committee of the Medical Research Council and serves on the National Scientific Advisory Committee to the Canadian Red Cross Society.

No crisis UTSA assured

The University's present financial situation is not a "crisis" and does not call for "crisis-like" responses such as massive personnel cuts, President John Evans assured a noon-hour meeting of non-academic staff sponsored by the U of T Staff Association.

Dr. Evans apologized to the audience of approximately 140 for having to be the bearer of "indigestible information" but stressed that the University is committed to providing the same opportunity for gaining salary increases to all persons at equivalent salary levels, whether they be members of the academic or non-academic staff.

The President repeated his personal support for the system of merit increases approved by Governing Council. "The evaluation of merit must be done effectively, and the person concerned must be fully informed of the strengths and possible weaknesses of his or her performance," Dr. Evans said.

Citing the experience of several

corporations that have instituted merit pay schemes, he urged the staff not to "underestimate the difficulties" that will likely arise as the scheme is implemented.

Dr. Evans said the administration is committed to strengthening the personnel area, including possible re-establishment of an advisory committee on personnel policy.

The new salary schedule, effective July 1, is designed to compensate for the effects of inflation and particularly benefit staff members in the lower income groups.

The situation of those staff whose salary comes from external grants does present a problem, Dr. Evans conceded, since the University's policy of making up the difference between the grant and the new salary schedule will be "a strain on our funds." In reply to a question, he said that in such cases the University will attempt to re-negotiate arrangements with the granting agency.

PH.D. ORALS

FRIDAY, MARCH 21

Donald B. Smith, Department of History, "The Mississauga, Peter Jones, and the White Man: The Algonquians' Adjustment to the Europeans on the North Shore of Lake Ontario to 1860." Thesis supervisor: Prof. J.M.S. Careless. Room 201, 65 St. George St., 3 p.m.

MONDAY, MARCH 24

Derek Oppen, Department of Computer Science, "On Logic and Program Verification." Thesis supervisor: Prof. A.M. Leggett. Room 201, 65 St. George St., 3 p.m.

supervisor: Prof. S.A. Cook. Room 201, 65 St. George St., 9 a.m.

TUESDAY, MARCH 25

Chi-Cheng Tsi, Department of Pathology, "Studies on the Mechanism of Action of Heterophile Antibodies." Thesis supervisor: Prof. H.Z. Movat. Room 201, 65 St. George St., 2 p.m.

WEDNESDAY, MARCH 26

Mis Maureen Fox, Department of Drama, "Dramatic Techniques of the Major Plays of Harley Granville Barker." Thesis supervisor: Prof. A.M. Leggett. Round Room, Massey College, 3 p.m.

TUESDAY, APRIL 8

Ah-Ping Chew, Department of Mathematics, "The Deficiency Indices of an Odd-Order Differential Operator." Thesis supervisor: Prof. N.A. Derzko. Room 201, 65 St. George St., 2 p.m.

RESEARCH NEWS

Ministry of Transportation and Communications

The Ministry of Transportation and Communications is inviting proposals for consideration. Specific areas for proposals have been outlined by the ministry but they would be pleased to hear of other projects that University staff may have in mind. All proposals should be forwarded to ORA as soon as possible in order to meet the ministry deadline of March 31. Information is available from ORA by calling 928-2874.

Ministry of Transport, Road and Motor Vehicle Safety Branch

Proposals are invited by the federal Ministry of Transport, Road and Motor Vehicle Safety Branch. Four copies of proposals should be forwarded to ORA by April 1. Additional information regarding submission and format of proposals has been sent to department chairmen, where applicable, or is available by calling ORA at 928-2874.

University Research Leave Grants Program

Researchers whose sabbatical leave begins July 1, who intend to apply for a U of T research leave grant, should do so immediately. Applications received after June 1 cannot be processed and reviewed in time for a July 1 start. Call ORA at 928-6163 for information.

Ethical Issues of Biology and Medicine

The Hastings Centre is offering internships in the ethical issues of biology and medicine. Staff and fellows of the centre engage in research and discussions organized around projects in medical ethics. Internships are available for one month or longer, to applicants from undergraduate, professional and graduate schools who are pursuing a degree. Additional information is available from ORA by calling 928-2874.

Council Grants in 1975-76 to Balance Inflation

Speaking to the Canadian Science Writers' Association, Feb. 24, Dr. G.E. Connell, Vice-President, Research and Planning, announced that government estimates tabled recently include increases in funding for the major granting councils (Canada Council, MRC and NRC) in 1975-76 that will for the first time in six years balance the inflationary rise. New estimates for grants and scholarships are \$48.4 million for MRC, \$81.7 million for NRC, \$27.7 million for Canada Council. Dr. Connell noted that the increases are heartening but also commented that they do not restore the inflationary losses of the last five years. He also said that sponsorship of new research areas does not seem to be evident in government policy.

The director, ORA, urges investigators not to see the proposed increases as an invitation to embark on spending sprees.

Accommodation for rent & wanted

For rent, early June 1975 - end June 1976, furnished three bedroom house, living room, dining room, kitchen, sun room, family room, garden, garage. All appliances. Eglinton/Avenue Road area. Excellent schools, shopping, transportation. 20 minutes to St. George campus. Backs on to park with swimming pool, tennis, ice skating. Prof. L.D. Levine, Royal Ontario Museum, 928-7369.

Scottish family with 7 children ages 4 to 12, from Bothwell, 7

miles east of Glasgow, wish to make house and car exchange with Toronto family this summer. 4 bedroom house, 2 cars - maxi and mini. Proposed dates, July 12 to Aug. 25. Phone Bothwell 3171 or write Dr. F.M. McCue, Glasgow Institute of Radiotherapeutics, Belvidere Hospital, Glasgow, Scotland G31 4PG.

For rent, July and August, spacious furnished house in Cabbagetown, restored to Victorian splendor. Double drawing-rooms, din-

ing room, kitchen; 3 or 4 bedrooms, study, 2 baths. Garden and cable TV. \$400 per month. Phone 924-4028 or 828-5273.

It's tulips and daffodils all the way

The Botany Department is holding its annual show in the greenhouses starting Saturday, March 15 and running through to Friday, March 21. As in previous years, spring flowers will be on

display along with tropical plants and cacti. The show is open daily from 9 a.m. to 5 p.m. Visitors are requested to use the Queen's Park entrance to the Botany Building to get to the greenhouses.

COMING EVENTS

Items to be included in Coming Events must be received at the Department of Information Services, 45 Wilcocks St., by 4 p.m. of the Friday before the issue of the Bulletin in which they are to be listed.

15 SATURDAY

Lecture

"An Oil Man Looks at the Arctic", Maurice W. Crompton, public affairs adviser, Imperial Oil Ltd., Toronto. Convocation Hall, 8.15 p.m. (Royal Canadian Institute)

Seminar

"Canada in the year 2000: Immigration and population growth", Seeley Hall and the Buttery, Trinity College, 9.30 a.m. - 4 p.m. Tickets \$7.50, students \$4, from Office of Convocation, Trinity College, 928-2651.

Flower Show

Showing of spring flowers, tropical plant display and cacti collection. Department of Botany greenhouses, March 16 to 21, 9 a.m. to 5 p.m. each day. Please use Queen's Park entrance to Botany Building.

Music

Special artist workshop series: Melvin Berman, oboe. Concert Hall, Royal Conservatory of Music, 4 p.m. (Doors open 3.30)

Theatre

Coriolanus. Brecht adaptation of Shakespeare. Directed by Wolfgang von Stas. Hart House Theatre to March 22. No performances Sunday or Monday. 8.30 p.m. Tickets \$3, students \$1.50 with I.D. (Drama Centre)

Juno and the Paycock, Sean O'Casey. Directed by Tom O'Hanley. March 15-16, and 19-22. Brennan Hall, St. Michael's College, 8.30 p.m. Tickets \$2, students \$1. (Students' Union, St. Michael's College)

16 SUNDAY

Music

Orford String Quartet. Walter Hall, Edward Johnson Building, 3 p.m. Tickets \$4, students and senior citizens \$2 with card. (Music)

Scarborough College spring series of Sunday concerts: U of T Concert Band. Meeting Place, Scarborough College, 3.30 p.m.

Hart House Chorus and the New Chamber Orchestra, conductor Prof. Denise Narcisse-Mair. Program includes Beethoven's Mass in C. Great Hall, Hart House. Free tickets available from the Hall Porter, Hart House.

Films

ROM Sunday family films: "The Daisy" and "Baobab: Portrait of a Tree". ROM Theatre, 2.30 p.m. Free with Museum admission.

ROM Sunday evening films: "Dream of Wild Horses" and "Baobab: Portrait of a Tree". ROM Theatre, 7.30 p.m.

17 MONDAY

Lectures

"Emulation Functions and the Diffusion of Innovation among Chinese Peasants" (with slides). Prof. Mary Sheridan, York University, Library Science Theatre, 12 noon. (East Asian Studies Committee)

Irish Week at St. Michael's College: 2 p.m. "Samuel Beckett". Alec Reid, 8.30 p.m. "The Traditional Music of Ireland: A Lecture Recital". Tressa O'Driscoll. Brennan Hall, (Students' Union)

Seminars

"The Paleomagnetic Signature of a Possible New Meteorite Impact Structure, Slate Islands, Lake Superior". Dr. Henry Halls, Erindale College, 202 Mining Building, 4 p.m. (Geology)

Frontiers of Biology series: "Communication of Structural Information between Viral Genome and Cell". Prof. Rose Sheinin, Department of Microbiology, Dean's Conference Room, 2nd floor, Medical Sciences Building, 4.30 p.m.

Films

"The Black Man's Land", a series of political films on Kenya's history. David Koff, film maker, 111 McMurich Building, King's College Road, 7 p.m. (African Studies Committee, ISP)

18 TUESDAY

Lectures

Women at Noon series: "Women's Liberation". Ceta Ramkhalawansingh, Instructor, Women's Studies

1 p.m., Dr. Jacob L. Gewirtz, U.S. National Institute of Mental Health will speak on "The Infant Conditions His Mother: Experiments on Mother-Infant Interaction Underlying Mutual Attachment". At 3 p.m. on Friday the speaker will be Dr. Paul E. Simons, University of Oregon, on "Peers, Parents and Primates: The Developing Network of Attachments".

Saturday, March 22, at 10 a.m., Dr. Michael Leone, McMaster University will lecture on "Pheromonal Mediation of Maternal Behaviour in Rats". At 1 p.m., Dr. Gilbert Gottlieb, North Carolina Department of Mental Health, will speak on "Prenatal Basis of Early Social Attachments in Birds", and at 3 p.m. Dr. Stephen J. Suomi, University of Wisconsin, will lecture on "The Development of Attachment and Other Social Behaviours in Rhesus Monkeys".

dies. The Cinema, Toronto-Dominion Centre, 12 noon. (Continuing Studies)

"Demagogie und Semantik. Eine Betrachtung der Sprache des Nationalsozialismus". Prof. Wolfgang Hempel, German Department, St. Michael's College, BCD Brennan Hall, 4 p.m. (Graduate German)

A.R. Gordon Distinguished Lecture series: "Molecules in Electric and Magnetic Fields". Prof. A.D. Buckingham, Department of Chemistry, University of Cambridge, 162 Lash Miller Chemical Laboratories, 4.10 p.m. (Chemistry)

"Studies on the Mechanisms of Pulsatile Growth Hormone Secretion". Dr. J.B. Martin, Montreal General Hospital, 2172 Medical Sciences Building, 5 p.m. (Neuroscience Institute and Toronto Neurological Society)

Seminar

Seminars for Parents series: "Genes, Chromosomes and Children". Dr. L. Siminovich, Geneticist-in-Chief, Dr. M.W. Thompson, senior staff geneticist; Dr. N.L. Rundo, geneticist and paediatrician. Town Hall, St. Lawrence Centre. Discussion period follows presentations. 8 p.m. (Doors open 7.30) (Hospital for Sick Children Foundation)

Film

Tuesday lunch hour films: "Civilisation" series, Sir Kenneth Clark - "Grandeur and Obsession". ROM Theatre, 12.45 p.m. (ROM)

19 WEDNESDAY

Lectures

"Semi-Continuous Operation of an Electrochemical Fluidized Bed". Dr. R.L. LeRoy, Department of Electrochemistry and Corrosion, Noranda Research Centre, Pointe Claire, 116 Wallburg Building, 12.30 p.m. (Chemical Engineering and SGS)

Irish Week at St. Michael's College: "Unicorns: The Lore of the Non-Existent". Denis Johnston. Brennan Hall, 4.30 p.m. (Students' Union)

1975 Winter lecture series - Time: "Man - How Much Time Left?". Dr. Ralph Brinkhurst, Fisheries Research Station, St. Andrews, N.B. ROM Theatre, 8.30 p.m. (ROM)

Seminars

"Nuclear Materials". Afternoon session, 2 p.m. in 130 Wallburg Building, evening session, 7.30 p.m., Hart House. (Metallurgy and Materials Science)

"Subduction in the Indonesian Region". Dr. Warren Hamilton, United States Geological Survey, Denver, 128 Mining Building, 4 p.m. (Geology)

Colloquium

"Critique of 'situationism' in social psychology". Dr. Kenneth S. Bowers, Department of Psychology, University of Waterloo, 2117 Sidney Smith Hall, 4 p.m. (Psychology and S G S)

Radio

"The Holy Land - Arena of Confrontation". CRT-FM (91.1) 10 a.m. and 7.30 p.m. (Islamic Studies and Open College)



The Orford String Quartet will give its final concert of this season on March 16 in Walter Hall, Edward Johnson Building at 3 p.m. Tickets are \$4, students and senior citizens \$2.

20 THURSDAY

Lectures

"Cysts of the Oral Region". Dr. D.G. Gardner, University of Western Ontario, Room 329, Faculty of Dentistry, 2 p.m.

"The Search for the Shadow Men: a chapter in the history of paleo-anthropology". Michael Hammond, Ph.D. candidate, Department of Sociology, 597 Sidney Smith Hall, 4.10 p.m. (Refreshments 3.30) (HPST and SGS)

A.R. Gordon Distinguished Lecture series: "The Scattering of Light". Prof. A.D. Buckingham, Department of Chemistry, University of Cambridge, 162 Lash Miller Chemical Laboratories, 4.10 p.m. (Chemistry)

Seminars

Therapeutic Modalities series: "Coping Strategies in the Treatment of Alcohol Abuse". Dr. M. Sanchez-Craig, Director, Spadina Project, Pilot Projects, A.R.F. Auditorium, 33 Russell St. 12 noon (ARF)

"Test Requirements in Support of Public Ground Transportation Systems". S.J. Starr, Engineering specialist, AIRTRANS Project, Dallas/Fort Worth Airport. Main lecture hall, Aerospace Studies, 4925 Dufferin St. 1.45 p.m.

"Innovative Features of the Urban Floodway near Streetsville, Ontario (Into Credit River)". Prof. L.E. Jones, Mechanical Engineering and Environmental Studies, 254 Mechanical Building, 3.30 p.m. (Mechanical Engineering and Environmental Studies)

"Canada and the Quest for Disarmament and Arms Control". Steuart Beattie, director, Disarmament and Arms Control Division, Department of External Affairs, Ottawa, 1086 Sidney Smith Hall, 4 p.m. (Visiting Professorship in International Security Studies)

"The newly discovered narrow resonances in particle physics". Prof. John W. Moffat, Department of Physics, 102 McLennan Physical Laboratories, 4.10 p.m. (Physics)

Music

Thursday afternoon series, Student ensembles. Walter Hall, Edward Johnson Building, 2.10 p.m. (Music)

Popular music series: Bob Edwards and the Fat City Guitars. Bishop Wight Gallery, ROM, 5.30 p.m. (ROM)

21 FRIDAY

Lectures

A.R. Gordon Distinguished Lecture series: "Interocular Forces". Prof. A.D. Buckingham, Department of Chemistry, University of Cambridge, 159 Lash Miller Chemical Laboratories, 4.10 p.m.

Irish Week at St. Michael's College: "In Search of the Hero: Myth and Fairy Tale". P.L. Travers. Brennan Hall, 4.30 p.m. (Students' Union)

"Das Leben als Spiel. Theater als menschliches urteilendens". Prof. Wolfgang von Stas, Leiter des Institutes für Darstellende Kunst Musikhochschule des Saarlandes, Music Room, Wymilwood Student Centre, 8 p.m. (Graduate German and Ontario Goethe Society)

Legacy of J.S. Woodworth series: "Woodworth and International Relations Policy". Andrew Brewin, Q.C., M.P. for Greenwood. Croft Chapter House, 8.30 p.m. (Second in series co-sponsored by Woodworth College and Ontario Woodworth Memorial Foundation).

22 SUNDAY

Music

University of Toronto Concert Band, conductor Stephen Chenette. MacMillan Theatre, Edward Johnson Building, 3 p.m. (Music)

Scarborough College spring series of Sunday concerts: The Toronto Concert Singers directed by Clive Dunstan. Meeting Place, Scarborough College, 3.30 p.m.

23 MONDAY

Lecture

"Recent Beethoven Research". Dr. Hans Schmidt, Beethoven Archives, Bonn, 116 Edward Johnson Building, 4 p.m. (Graduate Music)

Seminar

Frontiers of Biology series: "The Biochemistry of Drug Addiction". Prof. H. Kalant, Department of Pharmacology, Dean's Conference Room, 2nd floor, Medical Sciences Building, 4.30 p.m.

5th Erindale psychology symposium

The Department of Psychology, Erindale College, is holding its fifth annual Symposium on Communication and Affect, Attachment Behaviour, from Thursday, March 20 to Saturday, March 22 in room 2072, South Building.

On March 20 at 10 a.m., Dr. Robert B. Cairns, University of North Carolina, will speak on "Dynamics of Interaction Development". At 1 p.m., Dr. Robert Marvin, University of Virginia, will lecture on "An Ethological-Cognitive Framework for the Attenuation of Mother-Child Attachment Behaviour" and at 3 p.m., Dr. Hildy Ross of the University of Waterloo will speak on "Establishing New Social Relations in Infancy".

On March 21 the first speaker, at 10 a.m., will be Dr. Carl M. Corter, U of T, speaking on "Brief Separation and Communication between Infant and Mother". At